Yue Pan

List of Publications by Year
in descending order

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111 papers	5,011 citations	87843 38 h-index	98753 67 g-index
116 all docs	116 docs citations	116 times ranked	7833 citing authors

#	Article	IF	Citations
1	Multifunctional Yolkâ˜Shell Nanoparticles: A Potential MRI Contrast and Anticancer Agent. Journal of the American Chemical Society, 2008, 130, 11828-11833.	6.6	354
2	Magnetic nanoparticles for the manipulation of proteins and cells. Chemical Society Reviews, 2012, 41, 2912.	18.7	342
3	Synthesis of Pt Hollow Nanodendrites with Enhanced Peroxidaseâ€Like Activity against Bacterial Infections: Implication for Wound Healing. Advanced Functional Materials, 2018, 28, 1801484.	7.8	205
4	Fluorescent Magnetic Nanocrystals by Sequential Addition of Reagents in a One-Pot Reaction:â€‰ A Simple Preparation for Multifunctional Nanostructures. Journal of the American Chemical Society, 2007, 129, 11928-11935.	6.6	168
5	Highly efficient self-healable and dual responsive hydrogel-based deformable triboelectric nanogenerators for wearable electronics. Journal of Materials Chemistry A, 2019, 7, 13948-13955.	5.2	163
6	Production of hydrogen from catalytic steam reforming of bio-oil using C12A7-Oâ˜-based catalysts. Applied Catalysis A: General, 2007, 320, 24-34.	2.2	161
7	PEGylated Au@Pt Nanodendrites as Novel Theranostic Agents for Computed Tomography Imaging and Photothermal/Radiation Synergistic Therapy. ACS Applied Materials & Interfaces, 2017, 9, 279-285.	4.0	149
8	Janus â€œnano-bulletsâ€•for magnetic targeting liver cancer chemotherapy. Biomaterials, 2016, 100, 118-133.	5.7	137
9	Synthesis of Auâ€“Fe₃O₄heterostructured nanoparticles for in vivo computed tomography and magnetic resonance dual model imaging. Nanoscale, 2014, 6, 199-202.	2.8	129
10	The shape effect of magnetic mesoporous silica nanoparticles on endocytosis, biocompatibility and biodistribution. Acta Biomaterialia, 2017, 49, 531-540.	4.1	111
11	Selective Carbonylâ˜C(sp³) Bond Cleavage To Construct Ynamides, Ynoates, and Ynones by Photoredox Catalysis. Angewandte Chemie - International Edition, 2017, 56, 2478-2481.	7.2	110
12	Near-infrared irradiation induced remote and efficient self-healable triboelectric nanogenerator for potential implantable electronics. Nano Energy, 2018, 51, 333-339.	8.2	106
13	Enhancing proliferation and migration of fibroblast cells by electric stimulation based on triboelectric nanogenerator. Nano Energy, 2019, 57, 600-607.	8.2	106
14	Berberine Enhances Chemosensitivity and Induces Apoptosis Through Dose-orchestrated AMPK Signaling in Breast Cancer. Journal of Cancer, 2017, 8, 1679-1689.	1.2	98
15	Porous nano-structured Co₃O₄anode materials generated from coordination-driven self-assembled aggregates for advanced lithium ion batteries. Nanoscale, 2014, 6, 9689.	2.8	84
16	Preparation of fluorine-doped, carbon-encapsulated hollow Fe3O4 spheres as an efficient anode material for Li-ion batteries. Nanoscale, 2014, 6, 3889.	2.8	81
17	Berberine Reverses Hypoxia-induced Chemoresistance in Breast Cancer through the Inhibition of AMPK- HIF-1Î±. International Journal of Biological Sciences, 2017, 13, 794-803.	2.6	81
18	Enhanced Radiotherapy using Bismuth Sulfide Nanoagents Combined with Photo-thermal Treatment. Theranostics, 2017, 7, 4087-4098.	4.6	73

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19	Hepatoprotective effects of berberine on liver fibrosis via activation of AMP-activated protein kinase. Life Sciences, 2014, 98, 24-30.	2.0	72
20	Functional magnetic hybrid nanomaterials for biomedical diagnosis and treatment. Wiley Interdisciplinary Reviews: Nanomedicine and Nanobiotechnology, 2018, 10, e1476.	3.3	72
21	Doxorubicin-loaded mesoporous silica nanoparticle composite nanofibers for long-term adjustments of tumor apoptosis. Nanotechnology, 2016, 27, 245101.	1.3	70
22	Facile preparation of hybrid coreâ€“shell nanorods for photothermal and radiation combined therapy. Nanoscale, 2016, 8, 3895-3899.	2.8	70
23	Colloidosome-based Synthesis of a Multifunctional Nanostructure of Silver and Hollow Iron Oxide Nanoparticles. Langmuir, 2010, 26, 4184-4187.	1.6	66
24	Multifunctional Magnetic Mesoporous Silica Nanoagents for in vivo Enzyme-Responsive Drug Delivery and MR Imaging. Nanotheranostics, 2018, 2, 233-242.	2.7	60
25	Berberine induces apoptosis by suppressing the arachidonic acid metabolic pathway in hepatocellular carcinoma. Molecular Medicine Reports, 2015, 12, 4572-4577.	1.1	58
26	Calcium Ions to Cross-Link Supramolecular Nanofibers to Tune the Elasticity of Hydrogels over Orders of Magnitude. Langmuir, 2011, 27, 14425-14431.	1.6	56
27	Synthesis of heterodimer radionuclide nanoparticles for magnetic resonance and single-photon emission computed tomography dual-modality imaging. Nanoscale, 2015, 7, 3392-3395.	2.8	55
28	Multifunctional Porous Iron Oxide Nanoagents for MRI and Photothermal/Chemo Synergistic Therapy. Bioconjugate Chemistry, 2018, 29, 1283-1290.	1.8	51
29	Macrophage-Targeted Sonodynamic/Photothermal Synergistic Therapy for Preventing Atherosclerotic Plaque Progression Using CuS/TiO₂ Heterostructured Nanosheets. ACS Nano, 2022, 16, 10608-10622.	7.3	49
30	Glutathione (GSH)-decorated magnetic nanoparticles for binding glutathione-S-transferase (GST) fusion protein and manipulating live cells. Chemical Science, 2011, 2, 945.	3.7	48
31	Berberine inhibits the chemotherapyâ€induced repopulation by suppressing the arachidonic acid metabolic pathway and phosphorylation of <scp>FAK</scp> in ovarian cancer. Cell Proliferation, 2017, 50, .	2.4	48
32	A versatile supramolecular hydrogel of nitrilotriacetic acid (NTA) for binding metal ions and magnetorheological response. Journal of Materials Chemistry, 2011, 21, 6804.	6.7	47
33	Janus nanocarrier-based co-delivery of doxorubicin and berberine weakens chemotherapy-exacerbated hepatocellular carcinoma recurrence. Acta Biomaterialia, 2019, 100, 352-364.	4.1	44
34	Immunomodulation of Tumor Microenvironment by Arginine-Loaded Iron Oxide Nanoparticles for Gaseous Immunotherapy. ACS Applied Materials & Interfaces, 2021, 13, 19825-19835.	4.0	42
35	Synthesis of PEGylated Ferrocene Nanoconjugates as the Radiosensitizer of Cancer Cells. Bioconjugate Chemistry, 2016, 27, 1518-1524.	1.8	41
36	Sweet Switch: Sugar-Responsive Bioactive Surfaces Based on Dynamic Covalent Bonding. ACS Applied Materials & Interfaces, 2018, 10, 10647-10655.	4.0	41

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37	Self-assembled dual fluorescence nanoparticles for CD44-targeted delivery of anti-miR-27a in liver cancer theranostics. Theranostics, 2018, 8, 3808-3823.	4.6	41
38	Highly efficient synthesis of azos catalyzed by the common metal copper (0) through oxidative coupling reactions. RSC Advances, 2014, 4, 16607.	1.7	39
39	Cell Compatible Trimethoprim-Decorated Iron Oxide Nanoparticles Bind Dihydrofolate Reductase for Magnetically Modulating Focal Adhesion of Mammalian Cells. Journal of the American Chemical Society, 2011, 133, 10006-10009.	6.6	38
40	Hand-in-hand RNA nanowire-based aptasensor for the detection of theophylline. Biosensors and Bioelectronics, 2018, 101, 153-158.	5.3	38
41	Rejuvenation of Senescent Bone Marrow Mesenchymal Stromal Cells by Pulsed Triboelectric Stimulation. Advanced Science, 2021, 8, e2100964.	5.6	38
42	Adipose tissue-secreted miR-27a promotes liver cancer by targeting FOXO1 in obese individuals. OncoTargets and Therapy, 2015, 8, 735.	1.0	37
43	A supramolecular gel based on a glycosylated amino acid derivative with the properties of gel to crystal transition. Soft Matter, 2016, 12, 141-148.	1.2	36
44	Facile synthesis of magnetic coreâ€“shell nanocomposites for MRI and CT bimodal imaging. Journal of Materials Chemistry B, 2015, 3, 6905-6910.	2.9	35
45	Fabrication of Multifoliate PtRu Bimetallic Nanocomplexes for Computed Tomography Imaging and Enhanced Synergistic Thermoradiotherapy. ACS Applied Materials & Interfaces, 2018, 10, 31106-31113.	4.0	35
46	Selective Carbonylâ^'C(sp³) Bond Cleavage To Construct Ynamides, Ynoates, and Ynones by Photoredox Catalysis. Angewandte Chemie, 2017, 129, 2518-2521.	1.6	34
47	Fabrication of PEGylated Fe@Bi₂S₃ nanocomposites for dual-mode imaging and synergistic thermoradiotherapy. Biomaterials Science, 2018, 6, 1892-1898.	2.6	34
48	Bactericidal effects and accelerated wound healing using Tb4O7 nanoparticles with intrinsic oxidase-like activity. Journal of Nanobiotechnology, 2019, 17, 54.	4.2	33
49	Synthesis of magnetite hybrid nanocomplexes to eliminate bacteria and enhance biofilm disruption. Biomaterials Science, 2019, 7, 2833-2840.	2.6	30
50	Using porous magnetic iron oxide nanomaterials as a facile photoporation nanoplatform for macromolecular delivery. Journal of Materials Chemistry B, 2018, 6, 4427-4436.	2.9	29
51	Improved neural differentiation of stem cells mediated by magnetic nanoparticle-based biophysical stimulation. Journal of Materials Chemistry B, 2019, 7, 4161-4168.	2.9	29
52	Selective inhibition of liver cancer growth realized by the intrinsic toxicity of a quantum dot–lipid complex. International Journal of Nanomedicine, 2014, 9, 5753.	3.3	28
53	Facile synthesis of Pt/Pd nanodendrites for the direct oxidation of methanol. Nanotechnology, 2014, 25, 195702.	1.3	28
54	Near-Infrared Radiation-Assisted Drug Delivery Nanoplatform to Realize Bloodâ€“Brain Barrier Crossing and Protection for Parkinsonian Therapy. ACS Applied Materials & Interfaces, 2021, 13, 37746-37760.	4.0	28

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55	Metal-Based Hybrid Nanoparticles as Radiosensitizers in Cancer Therapy. Colloids and Interface Science Communications, 2018, 23, 45-51.	2.0	27
56	A supramolecular approach for versatile biofunctionalization of magnetic nanoparticles. Journal of Materials Chemistry B, 2018, 6, 2198-2203.	2.9	27
57	Reprogramming of m⁶A epitranscriptome is crucial for shaping of transcriptome and proteome in response to hypoxia. RNA Biology, 2021, 18, 131-143.	1.5	26
58	Single and repeated dose toxicity of citric acid-based carbon dots and a derivative in mice. RSC Advances, 2015, 5, 91398-91406.	1.7	25
59	Supramolecular Self-Assemblies with Nanoscale RGD Clusters Promote Cell Growth and Intracellular Drug Delivery. ACS Applied Materials & Interfaces, 2016, 8, 29906-29914.	4.0	25
60	Facile Strategy for Electrochemical Analysis of Hydrogen Peroxide Based on Multifunctional Fe₃O₄@Ag Nanocomposites. ACS Applied Bio Materials, 2018, 1, 367-373.	2.3	25
61	Magnetic nanoparticles for direct protein sorting inside live cells. Chemical Science, 2012, 3, 3495.	3.7	24
62	Porous Fe₃O₄ hollow spheres with chlorine-doped-carbon coating as superior anode materials for lithium ion batteries. RSC Advances, 2015, 5, 52993-52997.	1.7	23
63	Rapid and large-scale synthesis of bare Co₃O₄porous nanostructures from an oleate precursor as superior Li-ion anodes with long-cycle lives. Dalton Transactions, 2016, 45, 13509-13513.	1.6	23
64	Macrophage-Mediated Porous Magnetic Nanoparticles for Multimodal Imaging and Postoperative Photothermal Therapy of Gliomas. ACS Applied Materials & Interfaces, 2021, 13, 56825-56837.	4.0	23
65	Bone Repairment via Mechanosensation of Piezo1 Using Wearable Pulsed Triboelectric Nanogenerator. Small, 2022, 18, .	5.2	23
66	Platinum-crosslinking polymeric nanoparticle for synergetic chemoradiotherapy of nasopharyngeal carcinoma. Bioactive Materials, 2021, 6, 4707-4716.	8.6	22
67	Multifunctional Polymeric Nanogels for Biomedical Applications. Gels, 2021, 7, 228.	2.1	22
68	Chemotherapy exacerbates ovarian cancer cell migration and cancer stem cell-like characteristics through GLI1. British Journal of Cancer, 2020, 122, 1638-1648.	2.9	21
69	Intracellular Synthesis of Hybrid Gallium-68 Nanoparticle Enhances MicroPET Tumor Imaging. Analytical Chemistry, 2021, 93, 6329-6334.	3.2	21
70	Chemotherapy induces ovarian cancer cell repopulation through the caspase 3-mediated arachidonic acid metabolic pathway. OncoTargets and Therapy, 2017, Volume 10, 5817-5826.	1.0	20
71	HNF-4Î± inhibits hepatocellular carcinoma cell proliferation through mir-122-adam17 pathway. PLoS ONE, 2020, 15, e0230450.	1.1	20
72	Fabrication of multifunctional polydopamine-coated gold nanobones for PA/CT imaging and enhanced synergistic chemo-photothermal therapy. Journal of Materials Science and Technology, 2021, 63, 97-105.	5.6	20

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73	Molecular Dockings and Molecular Dynamics Simulations Reveal the Potency of Different Inhibitors against Xanthine Oxidase. ACS Omega, 2021, 6, 11639-11649.	1.6	20
74	Supramolecular nanovesicles for synergistic glucose starvation and hypoxia-activated gene therapy of cancer. Nanoscale, 2021, 13, 9570-9576.	2.8	17
75	Triboelectric Nanogenerators for Cellular Bioelectrical Stimulation. Advanced Functional Materials, 2022, 32, .	7.8	17
76	The synthesis of cyclohexenone using l-proline immobilized on a silica gel catalyst by a continuous-flow approach. RSC Advances, 2014, 4, 15036.	1.7	16
77	A facile synthesis of Pt@Ir zigzag bimetallic nanocomplexes for hydrogenation reactions. Chemical Communications, 2015, 51, 9216-9219.	2.2	16
78	Photoacoustic and magnetic resonance imaging-based gene and photothermal therapy using mesoporous nanoagents. Bioactive Materials, 2022, 9, 157-167.	8.6	15
79	Folic acid modified superparamagnetic iron oxide nanocomposites for targeted hepatic carcinoma MR imaging. RSC Advances, 2014, 4, 7483.	1.7	13
80	Hepatic IGF-1R overexpression combined with the activation of GSK-3Î² and FOXO3a in the development of liver cirrhosis. Life Sciences, 2016, 147, 97-102.	2.0	13
81	Multifunctional Magnetic Nanoagents for Bioimaging and Therapy. ACS Applied Bio Materials, 2021, 4, 1066-1076.	2.3	13
82	Hydrogen Production by Catalytic Steam Reforming of Bio-oil, Naphtha and CH4 over C12A7-Mg Catalyst. Chinese Journal of Chemical Physics, 2006, 19, 190-192.	0.6	12
83	Interfacial hydrogenation and deamination of nitriles to selectively synthesize tertiary amines. Chemical Communications, 2014, 50, 11110.	2.2	12
84	Celecoxib induces apoptosis via a mitochondria-dependent pathway in the H22 mouse hepatoma cell line. Molecular Medicine Reports, 2014, 10, 2093-2098.	1.1	12
85	Synthesis of Pt nanocatalysts for selective hydrogenation of ortho-halogenated nitrobenzene. Science China Chemistry, 2015, 58, 1051-1055.	4.2	12
86	Glyâ€“Glyâ€“His tripeptide- and silver nanoparticle-assisted electrochemical evaluation of copper(<scp>ii</scp>) ions in aqueous environment. New Journal of Chemistry, 2018, 42, 14733-14737.	1.4	12
87	Biofunctional magnetic hybrid nanomaterials for theranostic applications. Nanotechnology, 2019, 30, 032002.	1.3	12
88	Gaseous NH3 Confers Porous Pt Nanodendrites Assisted by Halides. Scientific Reports, 2016, 6, 26196.	1.6	11
89	Facile synthesis of Auâ€“Pt bimetallic nanocomplexes for direct oxidation of methanol and formic acid. RSC Advances, 2015, 5, 650-653.	1.7	10
90	Obesity-associated miR-27a upregulation promotes hepatocellular carcinoma metastasis through suppressing SFRP1. OncoTargets and Therapy, 2018, Volume 11, 3281-3292.	1.0	10

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91	In Vivo Biocompatible Self-Assembled Nanogel Based on Hyaluronic Acid for Aqueous Solubility and Stability Enhancement of Asiatic Acid. Polymers, 2021, 13, 4071.	2.0	10
92	Efficient and ligand free palladium catalyst for Suzuki and Heck cross-coupling reactions. Science China Chemistry, 2014, 57, 1310-1314.	4.2	9
93	Multifunctional layered black phosphorene-based nanoplatform for disease diagnosis and treatment: a review. Frontiers of Optoelectronics, 2020, 13, 327-351.	1.9	9
94	Berberine inhibits chemotherapy-exacerbated ovarian cancer stem cell-like characteristics and metastasis through GLI1. European Journal of Pharmacology, 2021, 895, 173887.	1.7	9
95	CTAB induced mitochondrial apoptosis by activating the AMPKâ€“p53 pathway in hepatocarcinoma cells. Toxicology Research, 2015, 4, 1359-1365.	0.9	8
96	Synthesis of Pt dendritic nanocubes with enhanced catalytic properties. RSC Advances, 2015, 5, 16497-16500.	1.7	8
97	BRD7 inhibits tumor progression by positively regulating the p53 pathway in hepatocellular carcinoma. Journal of Cancer, 2021, 12, 1507-1519.	1.2	8
98	A peroxidase mimic with atom transfer radical polymerization activity constructed through the grafting of heme onto metal-organic frameworks. Journal of Colloid and Interface Science, 2018, 521, 62-68.	5.0	7
99	Heart Rate Fluctuation and Mortality in Critically Ill Myocardial Infarction Patients: A Retrospective Cohort Study. Frontiers in Cardiovascular Medicine, 2021, 8, 577742.	1.1	7
100	Minimum heart rate and mortality in critically ill myocardial infarction patients: an analysis of the MIMIC-III database. Annals of Translational Medicine, 2021, 9, 496-496.	0.7	5
101	Citrate/Fâ˜† assisted phase control synthesis of TiO2 nanostructures and their photocatalytic properties. RSC Advances, 2015, 5, 74230-74237.	1.7	4
102	Multifunctional high-Z nanoradiosensitizers for multimodal synergistic cancer therapy. Journal of Materials Chemistry B, 2022, , .	2.9	4
103	Novel Ultra-thin Platinum Nanowires and Their Catalytic Applications. Current Organic Chemistry, 2015, 19, 2142-2155.	0.9	3
104	Biofunctional Magnetic Nanomaterials for Diagnosis, Therapy, and Theranostic Applications. , 2019, , 341-356.		2
105	Evaluation of the effects of phenylalanine and carboxylate on the rheological behaviors of small molecule hydrogelators containing naphthalene. Materials Research Society Symposia Proceedings, 2012, 1418, 57.	0.1	0
106	HNF-4Î± inhibits hepatocellular carcinoma cell proliferation through mir-122-adam17 pathway. , 2020, 15, e0230450.		0
107	HNF-4Î± inhibits hepatocellular carcinoma cell proliferation through mir-122-adam17 pathway. , 2020, 15, e0230450.		0
108	HNF-4Î± inhibits hepatocellular carcinoma cell proliferation through mir-122-adam17 pathway. , 2020, 15, e0230450.		0

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109	HNF-4Î± inhibits hepatocellular carcinoma cell proliferation through mir-122-adam17 pathway. , 2020, 15, e0230450.		0
110	HNF-4Î± inhibits hepatocellular carcinoma cell proliferation through mir-122-adam17 pathway. , 2020, 15, e0230450.		0
111	HNF-4Î± inhibits hepatocellular carcinoma cell proliferation through mir-122-adam17 pathway. , 2020, 15, e0230450.		0